



FOA Foam Tester

Foaming
properties



Measurement Category	Properties of foaming agents
Measurement Target	Examination of foam generation under varying conditions
Sample Materials	Aqueous solutions
Pressure Range	Up to 10 bar
Temperature Range	Room temperature to +150 °C
Sample Quantity	Min. 35 ml
Repeatability	Depends on the attempt
Dimensions	44 x 143 x 54 cm
Weight	approx. 97 kg
Supply	Inert gas (N ₂), pressure 12 bar
Price Range	
Special Features	<ul style="list-style-type: none">• The foam tester enables an investigation of the generation and stability of foams and the properties of foaming agents• Different flow rates possible, e.g. 20 l/min• Continuous weighing of the overflowed foam• Optional cooling of the foam when leaving the unit



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Basic requirements
Situation (s)

- Ability to test aqueous solutions at temperatures up to 150 °C required
- Possibility required to investigate foam formation of aqueous solutions at pressures up to 10 bar
- Continuous weighing and data storage required

Requirement criteria

- What do you want to test?
((Anti-)foaming agents, good: foaming properties under high temperature (100 – 150 °C), high pressure? (1 - 10 bar) | bad: temperatures <100 °C, pressure ambient)
- What kind of foaming agents do you sell?
(good: foaming agents, anti-foaming agents | bad:)
- Which samples do you measure?
(good: aqueous solutions | worse: oils)
- Do you need to investigate/(analyze) your foaming agent or the chemical composition of your foam?
(good: no | bad: yes)
- Possibility to add something later needed?
(not yet constructed, but possible for „no pressure“)
- Cooling necessary?
(chiller cools the foam from 140 to 30 °C)



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Optional add-on products (Up-selling)

Extended physics. Properties	
Software	included
Additional parts (→ Customizing)	Sparger discs, weighting scale, ...
Maintenance	✓
Additional Features	Chiller, additional test cells,...
Spare parts (if required)	✓
Documents for customs	✓
Customizing	✓
Service	✓
Training	✓

Optional by-products (cross-selling)

Different flow meters for different flow rates?	
Test measurement	✓
Chiller	
Gas cylinder ?	
PC	included
Other	Sample rack



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Reason for purchase 1	Safety: Measuring range is high enough to test samples under pressure above 100 °C in secure environment
Reason for purchase 2	Safety: There is a safety range, the device can withstand a higher pressure and temperature.
Reason for purchase 3	User-friendly: a compact, well-designed device that is easy to operate
Reason for purchase 4	Comfort/Time: you save time when cleaning the system because the cells are very easy to disassemble and clean.
Reason for purchase 5	Convenient operation and data storage: the software enables you to save your data at high resolution and automatically
Reason for purchase 6	Cleanliness/Safety: Depending on the test method, a condensate trap can be used to direct the exhaust air directly into the fume hood.



For all devices

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Step 1

In the first step after our discussion, you will receive a quotation for the system with various variants and options. On this basis, you can initiate an internal budget discussion and use secure arguments.

Step 2

In the second step, you discuss the requirements and the available budget internally with your colleagues. We support you with our advice and helpful documents.

Step 3

In the third step we evaluate the quotation with you - based on your internal requirements - and compile the variants and variables as you need them for your application. On this basis you can make a well-founded decision.

Step 4

If we are perceived as your best alternative, we would be pleased to receive your order. Afterwards we will deal with the details of production, delivery and commissioning. Also, we will send you the order confirmation with the 1st invoice (70 % advance payment) and set an expected delivery date.

Step 5

1 month before delivery you will receive the 2nd invoice (30 %). After receipt of payment we will send the system to you.

Step 6

In the sixth step, we accompany the commissioning and train your staff. Four weeks after commissioning, we arrange a telephone feedback discussion with you and clarify questions and previous experience.

